



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

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C3
Job Sheet 202032



Part No: C3

Job Qty: 1 pcs

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/18/19

Job Tracking No:

Created By: Jennifer Renwick

Due Date: 11/29/19

Description: SIOP

Type: Stock

Note: DWG C3 Rev 2 IPP Rev A 18.03.29 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
95	External Load - Issue SN	1 pcs	11/29/19		0.00	0.07	External Load - 1		Nacht 2019-10-18
							External Load - 2		
							External Load - 3		
100	External Load - 2 - B4B	1 pcs	11/29/19		0.00	1.00	External Load - 1 - B4B		AP 2019-10-22
							External Load - 2 - B4B		
							External Load - 3 - B4B		
110	QC 5	1 pcs	11/29/19		0.00	0.00	QC 5 - 10		DAS 30 9-89 NOV 22 2019
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		
130	Packaging 3-2 - Stock - B4B	1 pcs	11/29/19		0.00	0.00	Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		



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CANADA
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Container No: S223775



Part: C3

Job No: 202032

Serial No/Batch: S223775

Revision: 2

				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	DAS 30 33 NOV 22 2019
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAS 21 3-33 NOV 25 2019
135 DC - 1 - B4B	1 pcs	11/29/19	0.00 0.00	DC - 1 - B4B	
				DC - 2 - B4B	
140 QC 21 - FG	1 pcs	11/29/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	
				QC 21 - FG - 53	DAS 21 3-33 NOV 25 2019

Part Op 95 - (Small Fab) 1-Issu S/N

Descriptions: 100 - (Small Fab) 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2-
ASSEMBLE AS PER DWG

110 - QC5- Inspect part completeness to step on W/O)

130 - Identify as per dwg & Stock Location: RPT) Identify and Stock

135 - (Document Control)- Photocopy blue file OM & O&OPM-C3 Rev L.

140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	95-External Load - Issue SN	5110495
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	100-External Load - 2 - B4B	5126989
2595K22	Heat Shrink Tube	1 pcs (1 ea)	100-External Load - 2 - B4B	5073047
32446	Crimp Terminal	2 Ea (2 ea)	100-External Load - 2 - B4B	5074909
8183K6	Wire Guide/Grip	1 Ea (1 ea)	100-External Load - 2 - B4B	5133295
AN4-16A	Bolt	3 Ea (3 ea)	100-External Load - 2 - B4B	5222097-1

AN4-17A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5157429-3
AN6-15A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5209068
C2-1-1	Manual Release Knob	1 pcs (1 ea)	100-External Load - 2 - B4B	5190045
C2-10-1	Lock Spring Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5068051
C2-11-2	Locating Pin	2 Ea (2 ea)	100-External Load - 2 - B4B	5061528
C2-3-1	Latch Shaft Du Bearing	2 pcs (2 ea)	100-External Load - 2 - B4B	5189923
C2-3-10	Latch Shaft	1 pcs (1 ea)	100-External Load - 2 - B4B	5180410
C2-3-11	Actuator	1 pcs (1 ea)	100-External Load - 2 - B4B	5174393
C2-3-2	Latch Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5173563
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	100-External Load - 2 - B4B	5222866
C2-3-3	Latch Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5116487
C2-3-3-1	Latch Roller DU Bearing	1 pcs (1 ea)	100-External Load - 2 - B4B	5182513
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	100-External Load - 2 - B4B	5111642
C2-3-6	Latch	1 pcs (1 ea)	100-External Load - 2 - B4B	5230390
C2-3-8	Actuator Shaft Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5176195
C2-5-1	Actuator Stop	1 Ea (1 ea)	100-External Load - 2 - B4B	5216722
C3-10-2	Lock Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5197483
C3-11-1	Side Plate - Solenoid C3-Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5182333
C3-12-1	Lock Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5193685
C3-12-2	Lock Shaft - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5080193
C3-12-3	Lock - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5190711
C3-12-4	Lock Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5100620
C3-12-5	Lock Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5188182
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	100-External Load - 2 - B4B	5206297
C3-13-1	Keeper Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5189919
C3-13-4	KEEPER	1 pcs (1 ea)	100-External Load - 2 - B4B	5192911
C3-13-5	Spring, Keeper	1 pcs (1 ea)	100-External Load - 2 - B4B	5146022
C3-2-1	Side Plate C-3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5175253
C3-3-4	Link Pin	2 pcs (2 ea)	100-External Load - 2 - B4B	5218778
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	100-External Load - 2 - B4B	5199546
C3-3-7	Link	1 pcs (1 ea)	100-External Load - 2 - B4B	5125622
C3-3-9	Actuator Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5128685
C3-4-1	Load Beam Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5192917
C3-4-4A	C3 Load Beam Assy	1 pcs (1 ea)	100-External Load - 2 - B4B	5179604
C3-7-1	Load Beam Bumper	1 pcs (1 ea)	100-External Load - 2 - B4B	5186739
C3-7-2	Lock Bumper	2 pcs (2 ea)	100-External Load - 2 - B4B	5214422
C3-8-2	Solenoid	1 pcs (1 ea)	100-External Load - 2 - B4B	5210004
C3-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	100-External Load - 2 - B4B	9213024
C3-8-5	Solenoid Cover	1 pcs (1 ea)	100-External Load - 2 - B4B	5204110
C3-9-1	Clock Spring Cover - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5116295
C3-9-2	Spring, Clock	1 pcs (1 ea)	100-External Load - 2 - B4B	5089524
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-External Load - 2 - B4B	5192574
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 ft (1 ea)	100-External Load - 2 - B4B	5075144
MS21044N4	Nut, Self-Locking	4 Ea (4 ea)	100-External Load - 2 - B4B	5196530
MS21083N3	Nut	2 Ea (2 ea)	100-External Load - 2 - B4B	5220750
MS21083N6	Nut	1 Ea (1 ea)	100-External Load - 2 - B4B	5192157
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	5183289
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	
NAS1149F0332P	Washer (AN960-10L)	2 Ea (2 ea)	100-External Load - 2 - B4B	5204709-1
NAS1149F0363P	Washer (AN960-10)	1 Ea (1 ea)	100-External Load - 2 - B4B	5075330-3
NAS1149F0463P	Washer (AN960-416)	8 Ea (8 ea)	100-External Load - 2 - B4B	5201001
NAS1149F0632P	Washer (AN960-616L)	2 Ea (2 ea)	100-External Load - 2 - B4B	5137711

Loctite 242 (5186572)

Loctite 620 (5194792)

Sof-T-seal (M138973)

Aeroshell grease NO.7 (M138724)

5048430

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
95-External Load - Issue SN	188-FPSS-1032-1/4	2	83	0
100-External Load - 2 - B4B	188-FSCS-832-5/8	4	204	0
	2595K22	1	25	0
	32446	2	594	0
	8183K6	1	22	0
	AN4-16A	3	402	0
	AN4-17A	1	275	0
	AN6-15A	1	21	0
	C2-1-1	1	9	0
	C2-10-1	1	65	0
	C2-11-2	2	38	0
	C2-3-1	2	56	0
	C2-3-10	1	11	0
	C2-3-11	1	19	0
	C2-3-2	1	22	0
	C2-3-2-1	2	112	0
	C2-3-3	1	43	0
	C2-3-3-1	1	22	0
	C2-3-5	2	93	0
	C2-3-6	1	3	0
	C2-3-8	2	41	0
	C2-5-1	1	23	0
	C3-10-2	1	22	0
	C3-11-1	1	11	0
	C3-12-1	2	34	0
	C3-12-2	1	17	0
	C3-12-3	1	21	0
	C3-12-4	1	28	0
	C3-12-5	1	30	0
	C3-12-6	2	94	0
	C3-13-1	2	60	0
	C3-13-4	1	25	0
	C3-13-5	1	26	0
	C3-2-1	1	12	0
	C3-3-4	2	30	0
	C3-3-4-1	4	267	0
	C3-3-7	1	12	0
	C3-3-9	1	26	0
	C3-4-1	2	33	0
	C3-4-4A	1	6	0
	C3-7-1	1	33	0
	C3-7-2	2	52	0
	C3-8-2	1	17	0
	C3-8-4	1	48	0
	C3-8-5	1	21	0
	C3-9-1	1	12	0
	C3-9-2	1	30	0
	EL-PLUG-M	1	23	0
	M27500-16TG2T14	1	28	0
	MS21044N4	4	47	0
	MS21083N3	2	100	0
	MS21083N6	1	50	0
	MS35266-63	2	18	0
	NAS1149F0332P	2	2,626	0
	NAS1149F0363P	1	292	0
	NAS1149F0463P	8	435	0
	NAS1149F0632P	2	336	0

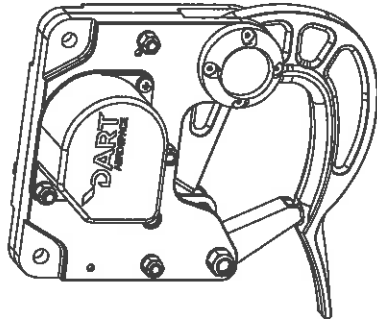
Part Specifications

Specifications could not be found.

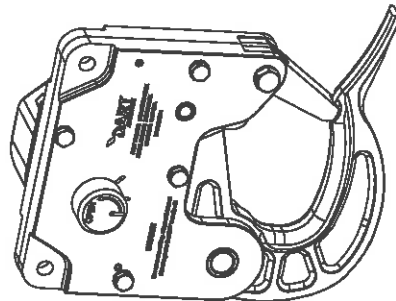
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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0260	UPDATED TO NEW DRAFTING STANDARDS, CHD PARS TO AN & MS NUMBERS.	10/29/2014	DJD	JAG
2	15-0248	CS-1,2 REPLACED W/ 100-PS-1002-1/A CS 1-3 REPLACED W/ 100-PS-1443-3/W. ADDED ENGRAVING NOTES & DETAILS.	8/27/2015	DJD	JAG

REV	REV QTY	B/O	Part #	UNF QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PQ
		C2-1-1		1	MANUAL RELEASE ENOB	6581-16		2
		B/O C2-3-1		2	BEARING DU	BRONZE	[KAMAM #R02004]	3
		C2-3-2		1	LATCH ROLLER PIN	ASPD		3
		B/O C2-3-2-1		2	RETAINING RING	STEEL	6551/6 [KAMAM #1460-6031]	3
		C2-3-5-1		1	LATCH ROLLER	4140/4142		3
		C2-3-5-1		1	LATCH ROLLER DU BEARING	BRONZE		3
		B/O C2-3-6		2	SPACER	NYLON		3
		C2-3-6		1	LATCH	S3 17-4PH		3
		C2-3-8		2	ACTUATOR BUSHING	SPRINTED BRONZE	[MCMASTER-CARR #95606A140]	3
		C2-3-10		1	LATCH SHIRT	4140/4142	200/4 X 5/8 [KAMAM #S5-1892-40] MODIFIED	3
		C2-3-11		1	ACTUATOR	S3 17-4PH		3
		B/O C2-5-1		1	ACTUATOR STOP, DOWEL	STEEL	200/1 X 1/8 [MCMASTER-CARR #P154589]	3
		B/O C2-16-1		1	SPRING PIN	S.S.	Ø1/8 X 7/8 [MCMASTER-CARR #92370A192]	2
		B/O C2-11-2		2	LOCATING PIN	S.S.	200/16 X 1 [MCMASTER-CARR #P0165A10]	2
		B/O C2-14-2		2	LABEL RIVER	18-8 S.S.	NG 4 [MCMASTER-CARR #P165A106]	N/S
		C2-2-1		1	SIDE PLATE	6041-76		3
		C2-3-1		2	JUNK PIN	DRILL ROD		3
		B/O C2-3-4-1		4	RETAINING RING	STEEL	Ø1/8 [KAMAM #S1100-00120PP]	3
		C2-3-7		1	JUNK	Ø1		3
		B/O C2-3-9		1	ACTUATOR SPRING	S3 304 WIRE		3
		C2-4-1		2	LOAD BEAM BUSHING	AL-BRONZE	Ø.207 X 6 DBRHOFF	3
		C2-4-1A		1	LOAD BEAM ASSEMBLY			2
		C2-7-1		1	LOAD BEAM BUMPER	POLYURETHANE		2
		C2-7-2		2	LOCK NUMMER	POLYURETHANE		2
		C2-8-2		1	SOLENOID ASSEMBLY			2
		C2-8-4		1	SOLENOID COVER GASKET	GASKET PAPER		2
		C2-8-5		1	SOLENOID COVER	6041-16		2
		C2-9-1		1	CLOCK SPRING COVER	604-16		2
		B/O C2-9-2		1	CLOCK SPRING	S3 301	DBRHOFF	2
		C2-10-2		1	LOCK SPRING	S.S.		3
		C2-11-1		1	SOLE PLATE/SOLENOID SIDE	6041-16		3
		C2-12-1		2	LOCK BUSHING	4140/4142		3
		C2-12-2		1	LOCK SHIRT	4140/4142		3
		C2-12-3		1	LOCK	4140/4142		3
		C2-12-4		1	LOCK ROLLER	4140/4142		3
		C2-12-5		1	LOCK ROLLER PIN	4140/4142		3
		B/O C2-12-6		2	LOCK ROLLER RETAINING RING	STEEL	Ø 3/8 [KAMAM #S1100-0097-ØP]	3
		C2-13-1		2	KEPER DU-BEARING BUSHING	BRONZE	[KAMAM #R06D04]	2
		C2-13-4		1	KEPER	4100/4142		2
		B/O C2-13-5		1	KEPER SPRING	300 S.S.	DBRHOFF	2
		B/O C2-14-1		1	CORD GRIP	85433	MM-1.25 [MCMASTER-CARR #8185C6]	2
		B/O B-21UG-A		1	MALE PLUG	PE HIGH DENSITY	[MCMASTER-CARR #721653]	2
		B/O #M2300-1002T14		1	WIRE	1/8 CSA DHEDED WIRE	11-44161	2
		#601309		1	LABEL	ALUMINUM		N/S
		#601309-A		1	LABEL	ALUMINUM		N/S
		B/O #601313		1	CAUTION STRIPING	VNYL	[SIGNS NOW]	N/S
		B/O 18R-FSC-482-4/8		4	CLOCK SPRING COVER SCREW	S.S.	1/8 X 1/8 [MCMASTER-CARR #72210A194]	2
		B/O 18R-FPS-1032-1/4		2	SET SCREW	S.S.	10-32 X 1/4 [MCMASTER-CARR #9435A350]	2
		B/O AN-18A		1	SCREW	STEEL	1/4-28 X 1-7/8	2
		B/O AN-17A		1	SCREW	STEEL	1/4-28 X 1-5/8	2
		B/O AN-15A		1	KEPER SHAFT BOLT	STEEL	3/8-28 X 1-5/8	2
		B/O AN-10-10		1	WASHER	STEEL	Ø10	2
		B/O AN-10-10L		2	WASHER	STEEL	Ø10	2
		B/O AN-10-416		8	WASHER	STEEL	Ø 1/4	2
		B/O AN-10-416L		4	KEPER WASHER, LOW PROFILE	STEEL	Ø3/8	2
		B/O MS3104N416L		4	LOCKNUT	STEEL	1/4-28	



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NO. 208032



NOTE:
 1 FOR REBUILD ONLY.
 2 FOR CUSTOMER REBUILD ONLY.



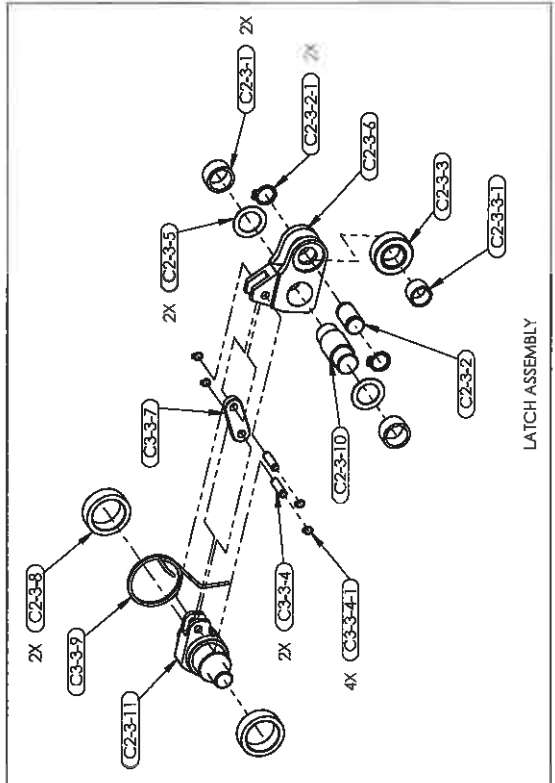
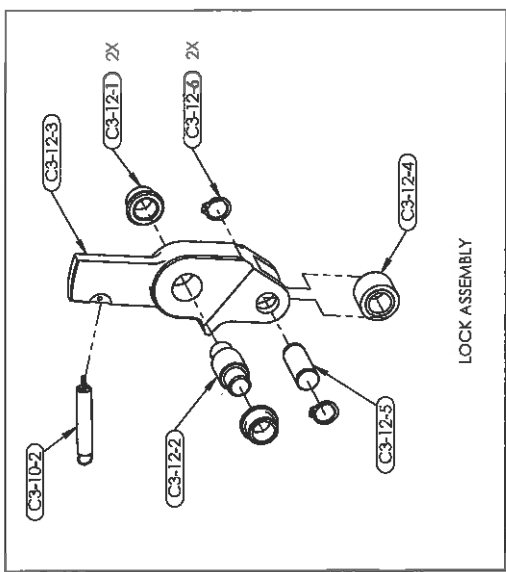
C3 HOOK ASSY

DWG NO.	C3	REV	2
MATL	DRAWN BY:		
UNLESS OTHERWISE SPECIFIED	APPROVED	<i>D. Wood</i>	
ALL DIMENSIONS ARE IN INCHES	1/8"	1/4"	
ALL DIMENSIONS ARE IN INCHES	3/8"	1/2"	
ALL DIMENSIONS ARE IN INCHES	5/8"	1"	
ALL DIMENSIONS ARE IN INCHES	3/4"	1 1/4"	
ALL DIMENSIONS ARE IN INCHES	7/8"	1 1/2"	
ALL DIMENSIONS ARE IN INCHES	1"	1 3/4"	
ALL DIMENSIONS ARE IN INCHES	1 1/8"	2"	
ALL DIMENSIONS ARE IN INCHES	1 1/4"	2 1/4"	
ALL DIMENSIONS ARE IN INCHES	1 1/2"	2 1/2"	
ALL DIMENSIONS ARE IN INCHES	1 3/4"	2 3/4"	
ALL DIMENSIONS ARE IN INCHES	2"	3"	
ALL DIMENSIONS ARE IN INCHES	2 1/4"	3 1/4"	
ALL DIMENSIONS ARE IN INCHES	2 1/2"	3 1/2"	
ALL DIMENSIONS ARE IN INCHES	2 3/4"	3 3/4"	
ALL DIMENSIONS ARE IN INCHES	3"	4"	
ALL DIMENSIONS ARE IN INCHES	3 1/4"	4 1/4"	
ALL DIMENSIONS ARE IN INCHES	3 1/2"	4 1/2"	
ALL DIMENSIONS ARE IN INCHES	3 3/4"	4 3/4"	
ALL DIMENSIONS ARE IN INCHES	4"	5"	
ALL DIMENSIONS ARE IN INCHES	4 1/4"	5 1/4"	
ALL DIMENSIONS ARE IN INCHES	4 1/2"	5 1/2"	
ALL DIMENSIONS ARE IN INCHES	4 3/4"	5 3/4"	
ALL DIMENSIONS ARE IN INCHES	5"	6"	
ALL DIMENSIONS ARE IN INCHES	5 1/4"	6 1/4"	
ALL DIMENSIONS ARE IN INCHES	5 1/2"	6 1/2"	
ALL DIMENSIONS ARE IN INCHES	5 3/4"	6 3/4"	
ALL DIMENSIONS ARE IN INCHES	6"	7"	
ALL DIMENSIONS ARE IN INCHES	6 1/4"	7 1/4"	
ALL DIMENSIONS ARE IN INCHES	6 1/2"	7 1/2"	
ALL DIMENSIONS ARE IN INCHES	6 3/4"	7 3/4"	
ALL DIMENSIONS ARE IN INCHES	7"	8"	
ALL DIMENSIONS ARE IN INCHES	7 1/4"	8 1/4"	
ALL DIMENSIONS ARE IN INCHES	7 1/2"	8 1/2"	
ALL DIMENSIONS ARE IN INCHES	7 3/4"	8 3/4"	
ALL DIMENSIONS ARE IN INCHES	8"	9"	
ALL DIMENSIONS ARE IN INCHES	8 1/4"	9 1/4"	
ALL DIMENSIONS ARE IN INCHES	8 1/2"	9 1/2"	
ALL DIMENSIONS ARE IN INCHES	8 3/4"	9 3/4"	
ALL DIMENSIONS ARE IN INCHES	9"	10"	
ALL DIMENSIONS ARE IN INCHES	9 1/4"	10 1/4"	
ALL DIMENSIONS ARE IN INCHES	9 1/2"	10 1/2"	
ALL DIMENSIONS ARE IN INCHES	9 3/4"	10 3/4"	
ALL DIMENSIONS ARE IN INCHES	10"	11"	
ALL DIMENSIONS ARE IN INCHES	10 1/4"	11 1/4"	
ALL DIMENSIONS ARE IN INCHES	10 1/2"	11 1/2"	
ALL DIMENSIONS ARE IN INCHES	10 3/4"	11 3/4"	
ALL DIMENSIONS ARE IN INCHES	11"	12"	
ALL DIMENSIONS ARE IN INCHES	11 1/4"	12 1/4"	
ALL DIMENSIONS ARE IN INCHES	11 1/2"	12 1/2"	
ALL DIMENSIONS ARE IN INCHES	11 3/4"	12 3/4"	
ALL DIMENSIONS ARE IN INCHES	12"	13"	
ALL DIMENSIONS ARE IN INCHES	12 1/4"	13 1/4"	
ALL DIMENSIONS ARE IN INCHES	12 1/2"	13 1/2"	
ALL DIMENSIONS ARE IN INCHES	12 3/4"	13 3/4"	
ALL DIMENSIONS ARE IN INCHES	13"	14"	
ALL DIMENSIONS ARE IN INCHES	13 1/4"	14 1/4"	
ALL DIMENSIONS ARE IN INCHES	13 1/2"	14 1/2"	
ALL DIMENSIONS ARE IN INCHES	13 3/4"	14 3/4"	
ALL DIMENSIONS ARE IN INCHES	14"	15"	
ALL DIMENSIONS ARE IN INCHES	14 1/4"	15 1/4"	
ALL DIMENSIONS ARE IN INCHES	14 1/2"	15 1/2"	
ALL DIMENSIONS ARE IN INCHES	14 3/4"	15 3/4"	
ALL DIMENSIONS ARE IN INCHES	15"	16"	
ALL DIMENSIONS ARE IN INCHES	15 1/4"	16 1/4"	
ALL DIMENSIONS ARE IN INCHES	15 1/2"	16 1/2"	
ALL DIMENSIONS ARE IN INCHES	15 3/4"	16 3/4"	
ALL DIMENSIONS ARE IN INCHES	16"	17"	
ALL DIMENSIONS ARE IN INCHES	16 1/4"	17 1/4"	
ALL DIMENSIONS ARE IN INCHES	16 1/2"	17 1/2"	
ALL DIMENSIONS ARE IN INCHES	16 3/4"	17 3/4"	
ALL DIMENSIONS ARE IN INCHES	17"	18"	
ALL DIMENSIONS ARE IN INCHES	17 1/4"	18 1/4"	
ALL DIMENSIONS ARE IN INCHES	17 1/2"	18 1/2"	
ALL DIMENSIONS ARE IN INCHES	17 3/4"	18 3/4"	
ALL DIMENSIONS ARE IN INCHES	18"	19"	
ALL DIMENSIONS ARE IN INCHES	18 1/4"	19 1/4"	
ALL DIMENSIONS ARE IN INCHES	18 1/2"	19 1/2"	
ALL DIMENSIONS ARE IN INCHES	18 3/4"	19 3/4"	
ALL DIMENSIONS ARE IN INCHES	19"	20"	
ALL DIMENSIONS ARE IN INCHES	19 1/4"	20 1/4"	
ALL DIMENSIONS ARE IN INCHES	19 1/2"	20 1/2"	
ALL DIMENSIONS ARE IN INCHES	19 3/4"	20 3/4"	
ALL DIMENSIONS ARE IN INCHES	20"	21"	
ALL DIMENSIONS ARE IN INCHES	20 1/4"	21 1/4"	
ALL DIMENSIONS ARE IN INCHES	20 1/2"	21 1/2"	
ALL DIMENSIONS ARE IN INCHES	20 3/4"	21 3/4"	
ALL DIMENSIONS ARE IN INCHES	21"	22"	
ALL DIMENSIONS ARE IN INCHES	21 1/4"	22 1/4"	
ALL DIMENSIONS ARE IN INCHES	21 1/2"	22 1/2"	
ALL DIMENSIONS ARE IN INCHES	21 3/4"	22 3/4"	
ALL DIMENSIONS ARE IN INCHES	22"	23"	
ALL DIMENSIONS ARE IN INCHES	22 1/4"	23 1/4"	
ALL DIMENSIONS ARE IN INCHES	22 1/2"	23 1/2"	
ALL DIMENSIONS ARE IN INCHES	22 3/4"	23 3/4"	
ALL DIMENSIONS ARE IN INCHES	23"	24"	
ALL DIMENSIONS ARE IN INCHES	23 1/4"	24 1/4"	
ALL DIMENSIONS ARE IN INCHES	23 1/2"	24 1/2"	
ALL DIMENSIONS ARE IN INCHES	23 3/4"	24 3/4"	
ALL DIMENSIONS ARE IN INCHES	24"	25"	
ALL DIMENSIONS ARE IN INCHES	24 1/4"	25 1/4"	
ALL DIMENSIONS ARE IN INCHES	24 1/2"	25 1/2"	
ALL DIMENSIONS ARE IN INCHES	24 3/4"	25 3/4"	
ALL DIMENSIONS ARE IN INCHES	25"	26"	
ALL DIMENSIONS ARE IN INCHES	25 1/4"	26 1/4"	
ALL DIMENSIONS ARE IN INCHES	25 1/2"	26 1/2"	
ALL DIMENSIONS ARE IN INCHES	25 3/4"	26 3/4"	
ALL DIMENSIONS ARE IN INCHES	26"	27"	
ALL DIMENSIONS ARE IN INCHES	26 1/4"	27 1/4"	
ALL DIMENSIONS ARE IN INCHES	26 1/2"	27 1/2"	
ALL DIMENSIONS ARE IN INCHES	26 3/4"	27 3/4"	
ALL DIMENSIONS ARE IN INCHES	27"	28"	
ALL DIMENSIONS ARE IN INCHES	27 1/4"	28 1/4"	
ALL DIMENSIONS ARE IN INCHES	27 1/2"	28 1/2"	
ALL DIMENSIONS ARE IN INCHES	27 3/4"	28 3/4"	
ALL DIMENSIONS ARE IN INCHES	28"	29"	
ALL DIMENSIONS ARE IN INCHES	28 1/4"	29 1/4"	
ALL DIMENSIONS ARE IN INCHES	28 1/2"	29 1/2"	
ALL DIMENSIONS ARE IN INCHES	28 3/4"	29 3/4"	
ALL DIMENSIONS ARE IN INCHES	29"	30"	
ALL DIMENSIONS ARE IN INCHES	29 1/4"	30 1/4"	
ALL DIMENSIONS ARE IN INCHES	29 1/2"	30 1/2"	
ALL DIMENSIONS ARE IN INCHES	29 3/4"	30 3/4"	
ALL DIMENSIONS ARE IN INCHES	30"	31"	
ALL DIMENSIONS ARE IN INCHES	30 1/4"	31 1/4"	
ALL DIMENSIONS ARE IN INCHES	30 1/2"	31 1/2"	
ALL DIMENSIONS ARE IN INCHES	30 3/4"	31 3/4"	
ALL DIMENSIONS ARE IN INCHES	31"	32"	
ALL DIMENSIONS ARE IN INCHES	31 1/4"	32 1/4"	
ALL DIMENSIONS ARE IN INCHES	31 1/2"	32 1/2"	
ALL DIMENSIONS ARE IN INCHES	31 3/4"	32 3/4"	
ALL DIMENSIONS ARE IN INCHES	32"	33"	
ALL DIMENSIONS ARE IN INCHES	32 1/4"	33 1/4"	
ALL DIMENSIONS ARE IN INCHES	32 1/2"	33 1/2"	
ALL DIMENSIONS ARE IN INCHES	32 3/4"	33 3/4"	
ALL DIMENSIONS ARE IN INCHES	33"	34"	
ALL DIMENSIONS ARE IN INCHES	33 1/4"	34 1/4"	
ALL DIMENSIONS ARE IN INCHES	33 1/2"	34 1/2"	
ALL DIMENSIONS ARE IN INCHES	33 3/4"	34 3/4"	
ALL DIMENSIONS ARE IN INCHES	34"	35"	
ALL DIMENSIONS ARE IN INCHES	34 1/4"	35 1/4"	
ALL DIMENSIONS ARE IN INCHES	34 1/2"	35 1/2"	
ALL DIMENSIONS ARE IN INCHES	34 3/4"	35 3/4"	
ALL DIMENSIONS ARE IN INCHES	35"	36"	
ALL DIMENSIONS ARE IN INCHES	35 1/4"	36 1/4"	
ALL DIMENSIONS ARE IN INCHES	35 1/2"	36 1/2"	
ALL DIMENSIONS ARE IN INCHES	35 3/4"	36 3/4"	
ALL DIMENSIONS ARE IN INCHES	36"	37"	
ALL DIMENSIONS ARE IN INCHES	36 1/4"	37 1/4"	
ALL DIMENSIONS ARE IN INCHES	36 1/2"	37 1/2"	
ALL DIMENSIONS ARE IN INCHES	36 3/4"	37 3/4"	
ALL DIMENSIONS ARE IN INCHES	37"	38"	
ALL DIMENSIONS ARE IN INCHES	37 1/4"	38 1/4"	
ALL DIMENSIONS ARE IN INCHES	37 1/2"	38 1/2"	
ALL DIMENSIONS ARE IN INCHES	37 3/4"	38 3/4"	
ALL DIMENSIONS ARE IN INCHES	38"	39"	
ALL DIMENSIONS ARE IN INCHES	38 1/4"	39 1/4"	
ALL DIMENSIONS ARE IN INCHES	38 1/2"	39 1/2"	
ALL DIMENSIONS ARE IN INCHES	38 3/4"	39 3/4"	
ALL DIMENSIONS ARE IN INCHES	39"	40"	
ALL DIMENSIONS ARE IN INCHES	39 1/4"	40 1/4"	
ALL DIMENSIONS ARE IN INCHES	39 1/2"	40 1/2"	
ALL DIMENSIONS ARE IN INCHES	39 3/4"	40 3/4"	
ALL DIMENSIONS ARE IN INCHES	40"	41"	
ALL DIMENSIONS ARE IN INCHES	40 1/4"	41 1/4"	
ALL DIMENSIONS ARE IN INCHES	40 1/2"	41 1/2"	
ALL DIMENSIONS ARE IN INCHES	40 3/4"	41 3/4"	
ALL DIMENSIONS ARE IN INCHES	41"	42"	
ALL DIMENSIONS ARE IN INCHES	41 1/4"	42 1/4"	
ALL DIMENSIONS ARE IN INCHES	41 1/2"	42 1/2"	
ALL DIMENSIONS ARE IN INCHES	41 3/4"	42 3/4"	
ALL DIMENSIONS ARE IN INCHES	42"	43"	
ALL DIMENSIONS ARE IN INCHES	42 1/4"	43 1/4"	
ALL DIMENSIONS ARE IN INCHES	42 1/2"	43 1/2"	
ALL DIMENSIONS ARE IN INCHES	42 3/4"	43 3/4"	
ALL DIMENSIONS ARE IN INCHES	43"	44"	
ALL DIMENSIONS ARE IN INCHES	43 1/4"	44 1/4"	
ALL DIMENSIONS ARE IN INCHES	43 1/2"	44 1/2"	
ALL DIMENSIONS ARE IN INCHES	43 3/4"	44 3/4"	
ALL DIMENSIONS ARE IN INCHES	44"	45"	
ALL DIMENSIONS ARE IN INCHES	44 1/4"	45 1/4"	
ALL DIMENSIONS ARE IN INCHES	44 1/2"	45 1/2"	
ALL DIMENSIONS ARE IN INCHES	44 3/4"	45 3/4"	
ALL DIMENSIONS ARE IN INCHES	45"	46"	
ALL DIMENSIONS ARE IN INCHES	45 1/4"	46 1/4"	
ALL DIMENSIONS ARE IN INCHES	45 1/2"	46 1/2"	
ALL DIMENSIONS ARE IN INCHES	45 3/4"	46 3/4"	
ALL DIMENSIONS ARE IN INCHES	46"	47"	
ALL DIMENSIONS ARE IN INCHES	46 1/4"	47 1/4"	
ALL DIMENSIONS ARE IN INCHES	46 1/2"	47 1/2"	
ALL DIMENSIONS ARE IN INCHES	46 3/4"	47 3/4"	
ALL DIMENSIONS ARE IN INCHES	47"	48"	
ALL DIMENSIONS ARE IN INCHES	47 1/4"	48 1/4"	
ALL DIMENSIONS ARE IN INCHES	47 1/2"	48 1/2"	
ALL DIMENSIONS ARE IN INCHES	47 3/4"	48 3/4"	
ALL DIMENSIONS ARE IN INCHES	48"	49"	
ALL DIMENSIONS ARE IN INCHES	48 1/4"	49 1/4"	
ALL DIMENSIONS ARE IN INCHES	48 1/2"	49 1/2"	
ALL DIMENSIONS ARE IN INCHES	48 3/4"	49 3/4"	
ALL DIMENSIONS ARE IN INCHES	49"	50"	
ALL DIMENSIONS ARE IN INCHES	49 1/4"	50 1/4"	
ALL DIMENSIONS ARE IN INCHES	49 1/2"	50 1/2"	
ALL DIMENSIONS ARE IN INCHES	49 3/4"	50 3/4"	
ALL DIMENSIONS ARE IN INCHES	50"	51"	
ALL DIMENSIONS ARE IN INCHES	50 1/4"	51 1/4"	
ALL DIMENSIONS ARE IN INCHES	50 1/2"	51 1/2"	
ALL DIMENSIONS ARE IN INCHES	50 3/4"	51 3/4"	
ALL DIMENSIONS ARE IN INCHES	51"	52"	
ALL DIMENSIONS ARE IN INCHES	51 1/4"	52 1/4"	
ALL DIMENSIONS ARE IN INCHES	51 1/2"	52 1/2"	
ALL DIMENSIONS ARE IN INCHES	51 3/4"	52 3/4"	
ALL DIMENSIONS ARE IN INCHES	52"	53"	
ALL DIMENSIONS ARE IN INCHES	52 1/4"	53 1/4"	
ALL DIMENSIONS ARE IN INCHES	52 1/2"	53 1/2"	
ALL DIMENSIONS ARE IN INCHES	52 3/4"	53 3/4"	
ALL DIMENSIONS ARE IN INCHES	53"	54"	
ALL DIMENSIONS ARE IN INCHES	53 1/4"	54 1/4"	
ALL DIMENSIONS ARE IN INCHES	53 1/2"	54 1/2"	
ALL DIMENSIONS ARE IN INCHES	53 3/4"	54 3/4"	
ALL DIMENSIONS ARE IN INCHES	54"	55"	
ALL DIMENSIONS ARE IN INCHES	54 1/4"	55 1/4"	
ALL DIMENSIONS ARE IN INCHES	54 1/2"	55 1/2"	
ALL DIMENSIONS ARE IN INCHES	54 3/4"	55 3/4"	
ALL DIMENSIONS ARE IN INCHES	55"	56"	
ALL DIMENSIONS ARE IN INCHES	55 1/4"	56 1/4"	
ALL DIMENSIONS ARE IN INCHES	55 1/2"	56 1/2"	
ALL DIMENSIONS ARE IN INCHES	55 3/4"	56 3/4"	
ALL DIMENSIONS ARE IN INCHES	56"	57"	
ALL DIMENSIONS ARE IN INCHES	56 1/4"	57 1/4"	
ALL DIMENSIONS ARE IN INCHES	56 1/2"	57 1/2"	
ALL DIMENSIONS ARE IN INCHES	56 3/4"	57 3/4"	
ALL DIMENSIONS ARE IN INCHES	57"	58"	
ALL DIMENSIONS ARE IN INCHES	57 1/4"	58 1/4"	
ALL DIMENSIONS ARE IN INCHES	57 1/2"	58 1/2"	
ALL DIMENSIONS ARE IN INCHES	57 3/4"	58 3/4"	
ALL DIMENSIONS ARE IN INCHES	58"	59"	
ALL DIMENSIONS ARE IN INCHES	58 1/4"	59 1/4"	
ALL DIMENSIONS ARE IN INCHES	58 1/2"	59 1/2"	
ALL DIMENSIONS ARE IN INCHES	58 3/4"	59 3/4"	
ALL DIMENSIONS ARE IN INCHES	59"	60"	
ALL DIMENSIONS ARE IN INCHES	59 1/4"	60 1/4"	
ALL DIMENSIONS ARE IN INCHES	59 1/2"	60 1/2"	
ALL DIMENSIONS ARE IN INCHES	59 3/4"	60 3/4"	
ALL DIMENSIONS ARE IN INCHES	60"	61"	
ALL DIMENSIONS ARE IN INCHES	60 1/4"	61 1/4"	
ALL DIMENSIONS ARE IN INCHES	60 1/2"	61 1/2"	
ALL DIMENSIONS ARE IN INCHES	60 3/4"	61 3/4"	
ALL DIMENSIONS ARE IN INCHES	61"	62"	
ALL DIMENSIONS ARE IN INCHES	61 1/4"	62 1/4"	
ALL DIMENSIONS ARE IN INCHES	61 1/2"	62 1/2"	
ALL DIMENSIONS ARE IN INCHES	61 3/4"	62 3/4"	
ALL DIMENSIONS ARE IN INCHES	62"	63"	
ALL DIMENSIONS ARE IN INCHES	62 1/4"	63 1/4"	
ALL DIMENSIONS ARE IN INCHES	62 1/2"	63 1/2"	
ALL DIMENSIONS ARE IN INCHES	62 3/4"	63 3/4"	
ALL DIMENSIONS ARE IN INCHES	63"	64"	
ALL DIMENSIONS ARE IN INCHES	63 1/4"	64 1/4"	
ALL DIMENSIONS ARE IN INCHES	63 1/2"	64 1/2"	
ALL DIMENSIONS ARE IN INCHES	63 3/4"	64 3/4"	
ALL DIMENSIONS ARE IN INCHES	64"	65"	
ALL DIMENSIONS ARE IN INCHES	64 1/4"	65 1/4"	
ALL DIMENSIONS ARE IN INCHES	64 1/2"	65 1/2"	
ALL DIMENSIONS ARE IN INCHES	64 3/4"	65 3/4"	
ALL DIMENSIONS ARE IN INCHES	65"	66"	
ALL DIMENSIONS ARE IN INCHES	65 1/4"	66 1/4"	
ALL DIMENSIONS ARE IN INCHES	65 1/2"	66 1/2"	
ALL DIMENSIONS ARE IN INCHES	65 3/4"	66 3/4"	
ALL DIMENSIONS ARE IN INCHES	66"	67"	
ALL DIMENSIONS ARE IN INCHES	66 1/4"	67 1/4"	
ALL DIMENSIONS ARE IN INCHES	66 1/2"	67 1/2"	
ALL DIMENSIONS ARE IN INCHES	66 3/4"	67 3/4"	
ALL DIMENSIONS ARE IN INCHES	67"	68"	
ALL DIMENSIONS ARE IN INCHES	67 1/4"	68 1/4"	
ALL DIMENSIONS ARE IN INCHES	67 1/2"	68 1/2"	
ALL DIMENSIONS ARE IN INCHES	67 3/4"	68 3/4"	
ALL DIMENSIONS ARE IN INCHES	68"	69"	
ALL DIMENSIONS ARE IN INCHES	68 1/4"	69 1/4"	
ALL DIMENSIONS ARE IN INCHES	68 1/2"	69 1/2"	
ALL DIMENSIONS ARE IN INCHES	68 3/4"	69 3/4"	
ALL DIMENSIONS ARE IN INCHES	69"	70"	
ALL DIMENSIONS ARE IN INCHES	69 1/4"	70 1/4"	
ALL DIMENSIONS ARE IN INCHES	69 1/2"	70 1/2"	
ALL DIMENSIONS ARE IN INCHES	69 3/4"	70 3/4"	
ALL DIMENSIONS ARE IN INCHES	70"	71"	
ALL DIMENSIONS ARE IN INCHES	70 1/4"	71 1/4"	
ALL DIMENSIONS ARE IN INCHES	70 1/2"	71 1/2"	
ALL DIMENSIONS ARE IN INCHES	70 3/4"	71 3/4"	
ALL DIMENSIONS ARE IN INCHES	71"	72"	
ALL DIMENSIONS ARE IN INCHES	71 1/4"	72 1/4"	
ALL DIMENSIONS ARE IN INCHES	71 1/2"	72 1/2"	
ALL DIMENSIONS ARE IN INCHES	71 3/4"	72 3/4"	
ALL DIMENSIONS ARE IN INCHES	72"	73"	
ALL DIMENSIONS ARE IN INCHES	72 1/4"	73 1/4"	
ALL DIMENSIONS ARE IN INCHES	72 1/2"	73 1/2"	
ALL DIMENSIONS ARE IN INCHES	72 3/4"	73 3/4"	
ALL DIMENSIONS ARE IN INCHES	73"	74"	
ALL DIMENSIONS ARE IN INCHES	73 1/4"	74 1/4"	
ALL DIMENSIONS ARE IN INCHES	73 1/2"	74 1/2"	
ALL DIMENSIONS ARE IN INCHES	73 3/4"	74 3/4"	
ALL DIMENSIONS ARE IN INCHES	74"	75"	
ALL DIMENSIONS ARE IN INCHES	74 1/4"	75 1/4"	
ALL DIMENSIONS ARE IN INCHES	74 1/2"	75 1/2"	
ALL DIMENSIONS ARE IN INCHES	74 3/4"	75 3/4"	
ALL DIMENSIONS ARE IN INCHES	75"	76"	
ALL DIMENSIONS ARE IN INCHES	75 1/4"	76 1/4"	
ALL DIMENSIONS ARE IN INCHES	75 1/2"	76 1/2"	
ALL DIMENSIONS ARE IN INCHES	75 3/4"	76 3/4"	
ALL DIMENSIONS ARE IN INCHES	76"	77"	
ALL DIMENSIONS ARE IN INCHES	76 1/4"	77 1/4"	
ALL DIMENSIONS ARE IN INCHES	76 1/2"	77 1/2"	
ALL DIMENSIONS ARE IN INCHES	76 3/4		

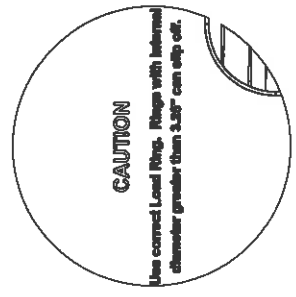
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SEE ATTACHED DEVIATION

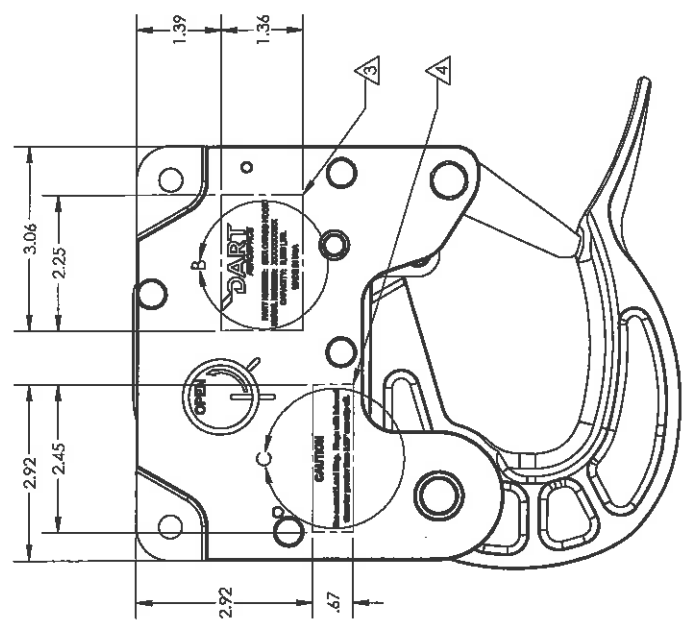
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	15-0248	ADDED ENGRAVING NOTES & DETAILS.	8/27/2015	DPD	JAG



DETAIL B
SCALE 1:1



DETAIL C
SCALE 1:1



- NOTES:
- 3 LASER ENGRAVE DART LOGO, FRL 3/16"
 - "MADE IN USA," WITHIN BOUNDARY
 - 4 LASER ENGRAVE CAUTION NOTE WITHIN BOUNDARY.

DART AEROSPACE	
TITLE	C3 HOOK ASSY
DRAWN BY	C3
DATE	8/27/2015
REV	2
UNLESS OTHERWISE SPECIFIED, APPROVED BY: <i>D. Hall</i>	
DIMENSIONS ARE IN INCHES	
FRACTIONS < 8/16	
DECIMALS < .01	
TOLERANCES	
1. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED	
2. ALL SHARP EDGES R1/16 X .10"	
3. FINISHES APPLY AFTER	
SCALE	1:2
DATE	
SHEET 3 OF 3	



Remote Cargo Hook Test Form

C3

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!

NEW SOLENOID (152951-001)

Work Order 202032

Customer _____

Serial Number 5223775

Date 2019-11-21

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	<u>Pass</u>
10	1,500	Electrical, 25 volts	No "hang ups" permitted	N/A	<u>Pass</u>
2	3,000	Electrical, 22 volts	Current shall not exceed 12.8 A	<u>9.9</u> A	<u>Pass</u>
2	2,500	Electrical, 22 volts	Current shall not exceed 12.8 A	<u>9.8</u> A	<u>Pass</u>
2	2,000	Electrical, 22 volts	Current shall not exceed 12.8 A	<u>9.7</u> A	<u>Pass</u>
2	1,500	Electrical, 22 volts	Current shall not exceed 12.8 A	<u>9.6</u> A	<u>Pass</u>
2	500	Electrical, 22 volts	Current shall not exceed 12.8 A	<u>9.5</u> A	<u>Pass</u>
1	3,000	Electrical, 20 volts	Current shall not exceed 11.6 A	<u>8.7</u> A	<u>Pass</u>
1	3,000	Electrical, 28 volts	Current shall not exceed 16.2 A	<u>12.1</u> A	<u>Pass</u>
1	3,000	Manual		N/A	<u>Pass</u>
1	3,000	Impact Test	Impact shackle 10x, shall not release	N/A	<u>Pass</u>
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	<u>2.0</u> Ω	<u>Pass</u>
1	N/A	Electrical Continuity	Across both wires	N/A	<u>Pass</u>

Test Conducted By: Michel Lalonde
Technician

Signature: Sylvie Boucher
QC 5 Small FAB / QA

Submit